

Title (en)
POWDER MATERIAL FOR THREE-DIMENSIONAL MODELING, KIT FOR THREE-DIMENSIONAL MODELING AND METHOD OF MANUFACTURING THREE-DIMENSIONAL OBJECT

Title (de)
PULVERMATERIAL ZUR DREIDIMENSIONALEN MODELLIERUNG, KIT ZUR DREIDIMENSIONALEN MODELLIERUNG UND VERFAHREN ZUR HERSTELLUNG EINES DREIDIMENSIONALEN OBJEKTS

Title (fr)
MATÉRIAU EN POUDRE POUR MODÉLISATION TRIDIMENSIONNELLE, KIT DE MODELAGE TRIDIMENSIONNEL ET PROCÉDÉ DE FABRICATION D'OBJET TRIDIMENSIONNEL

Publication
EP 3069855 B1 20180815 (EN)

Application
EP 16157451 A 20160225

Priority
JP 2015054645 A 20150318

Abstract (en)
[origin: EP3069855A1] A powder material for three-dimensional modeling includes a base particle and a coverage film including an organic material. The coverage film covers the base particle. The powder material is used for three dimensional modeling and when the coverage film is dissolved in a solvent to prepare a solution and the solution is formed into a coated film on a smooth surface, the coated film has a wetting tension of from 22 mN/m to 28 mN/m.

IPC 8 full level
B29C 64/165 (2017.01); **B22F 1/102** (2022.01); **B22F 3/00** (2006.01); **C09D 129/04** (2006.01)

CPC (source: EP US)
B22F 1/102 (2022.01 - EP US); **B22F 3/003** (2013.01 - EP US); **B22F 10/16** (2021.01 - EP US); **B29C 64/165** (2017.07 - EP US); **B33Y 70/10** (2020.01 - EP US); **C04B 35/00** (2013.01 - US); **C04B 35/111** (2013.01 - EP); **C04B 35/14** (2013.01 - EP); **C04B 35/46** (2013.01 - EP); **C04B 35/486** (2013.01 - EP); **C04B 35/622** (2013.01 - EP); **C04B 35/62802** (2013.01 - EP); **C04B 35/62886** (2013.01 - EP); **C04B 35/632** (2013.01 - EP); **C04B 35/63416** (2013.01 - EP); **B29K 2029/04** (2013.01 - US); **B29L 2031/00** (2013.01 - US); **B33Y 10/00** (2014.12 - EP US); **B33Y 30/00** (2014.12 - EP US); **C04B 2235/5427** (2013.01 - EP); **C04B 2235/5436** (2013.01 - EP); **C04B 2235/6026** (2013.01 - EP); **C09D 129/04** (2013.01 - EP US); **Y02P 10/25** (2015.11 - EP)

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Designated contracting state (EPC)
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